

What is Claimed is:

1. An image scanning method for a scanner which has a preset constant calibration parameter located therein, comprising the steps of:
 - a. providing a scanning object;
 - 5 b. using an image capturing element to perform image capturing on the scanning object;
 - c. using the preset calibration parameter to perform compensation and calibration for the captured image; and
 - d. completing image scanning for the object and repeating the step a.
- 10 2. The image scanning method of claim 1, wherein the scanner comprises:
 - a holding board for holding the scanning object thereon;
 - an optical chassis having an image capturing element located therein for capturing the image of the scanning object; and
 - a control module having a read only memory (ROM) for storing a preset
15 calibration parameter and using the stored calibration parameter to perform compensation and calibration for the captured image.
3. The image scanning method of claim 2, wherein the holding board is selectively made of glass or acrylic.
4. The image scanning method of claim 2, wherein the image capturing element of the
20 optical chassis is a charge coupled device (CCD).
5. The image scanning method of claim 2, wherein the optical chassis further includes a linear light source, a plurality of reflection mirrors and a lens, the linear light source projecting on the scanning object to generate a reflecting image which is reflected by the reflecting mirrors and refracted through the lens to form an image on
25 the image capturing element.
6. The image scanning method of claim 2, wherein the scanner further includes a driving means for moving the optical chassis along the holding board for scanning the object.
7. The image scanning method of claim 2, wherein the control module is a selected
30 system file.

8. An image scanning method for a scanner, comprising the steps of:
- a. performing a pre-scanning calibration to obtain a calibration parameter;
 - b. providing a scanning object;
 - c. using an image capturing element to perform image capturing on the scanning object;
 - d. using the calibration parameter obtained at the step a. to perform compensation and calibration for the captured image; and
 - e. completing image scanning for the object and repeating the step b.

9. The image scanning method of claim 8, wherein the scanner comprises:

- a holding board for holding the scanning object thereon;
- an optical chassis having an image capturing element therein for capturing image of the scanning object; and
- a control module including a random access memory (RAM) for storing the calibration parameter obtained at the step a. and using the stored calibration parameter during scanning operation to perform compensation and calibration for the captured image.

10. The image scanning method of claim 9, wherein the holding board is selectively made of glass or acrylic.

11. The image scanning method of claim 9, wherein the image capturing element of the optical chassis is a charge coupled device (CCD).

12. The image scanning method of claim 9, wherein the optical chassis includes a linear light source, a plurality of reflection mirrors and a lens, the linear light source projecting the scanning object to generate a reflecting image which is reflected by the reflecting mirrors and refracted through the lens to form an image on the image capturing element.

13. The image scanning method of claim 9, wherein the scanner further includes a driving means for moving the optical chassis along the holding board for scanning the object.

14. The image scanning method of claim 9, wherein the control module is a selected system file.

15. An image scanning method for a scanner, comprising the steps of:
- a. judging if a control module having a calibration parameter required;
 - b. providing a scanning object if the outcome of the step a. is positive;
 - c. using an image capturing element to perform image capturing on the scanning object;
 - d. using the calibration parameter obtained at the step a. to perform compensation and calibration for the captured image; and
 - e. completing image scanning for the object and repeating the step b.
16. The image scanning method of claim 15, wherein the following steps are performed when the outcome of the step a. is negative:
- a1. performing pre-scanning and calculating calibration parameter; and
 - a2. storing the calibration parameter in the control module.
17. The image scanning method of claim 15, wherein the scanner comprises:
- a holding board for holding the scanning object thereon;
 - an optical chassis having an image capturing element therein for capturing the image of the scanning object; and
 - a control module for storing the calibration parameter, the scanner using the stored calibration parameter to perform compensation and calibration for the captured image.
18. The image scanning method of claim 17, wherein the holding board is selectively made of glass or acrylic.
19. The image scanning method of claim 17, wherein the image capturing element of the optical chassis is a charge coupled device (CCD).
20. The image scanning method of claim 17, wherein the optical chassis includes a linear light source, a plurality of reflection mirrors and a lens, the linear light source projecting the scanning object to generate a reflecting image which is reflected by the reflecting mirrors and refracted through the lens to form an image on the image capturing element.
21. The image scanning method of claim 17, wherein the scanner further includes a driving means for moving the optical chassis along the holding board for scanning the

object.

22. The image scanning method of claim 17, wherein the control module is a selected system file.